

REMARKS

Claims 1-20 of the present application stand rejected as anticipated by (claims 1-10, 12, and 14-20) or obvious over (claims 11 and 13) the reference denominated "Li". Applicants respectfully traverse these rejections on the grounds set out below.

In accordance with the present invention, the transmission equipment within a base transceiver station (BTS) may include at least one radio frequency unit (RFU) and at least one baseband unit (BBU). The RFU may include a power amplifier, a filter, and one or more radios for communicating with mobile telephones or the like. The BBU may include one or more processors for handling communication between the RFU and the mobile switching center (MSC), and may also include channel cards. (See the instant Specification at page 2, lines 19-26.)

Claim 1 is drawn to a wireless transceiver in which a wireless link couples the BBU with the RFU.

Li has been cited as disclosing a similar arrangement, and thus as anticipating the invention described by claim 1. Applicants disagree.

The Examiner has identified Li's "general purpose DSP" 325 with Applicants' BBU, and has identified Li's "antenna/analog front end circuit" 321 (labeled "2.4 GHz RF" in Li Figure 3A).

Even if these correspondences are granted for the sake of argument, Li still lacks the feature of coupling the respective elements to each other by means of a wireless link.

The Examiner has asserted that Li's Figure 3A discloses such a link. Such a conclusion is not supported. Li's Figure 3A shows solid arrows linking DSP 325 to RF front end 321 by way of ASIC 350. No air interface is illustrated between the DSP and the ASIC, between the ASIC and the RF front end, or between the DSP and the RF front end. Although Li Figure 3A is discussed in detail in the Li specification at paragraphs 108-110, nowhere in that discussion is there any suggestion to couple any of these elements using a wireless link.

Li Figure 3B is described as "a more detailed block diagram of the preferred embodiment of FIG. 3A." (Li specification, paragraph 111.) Although Li Figure 3B is discussed in detail in the Li specification at paragraphs 111-156, there nowhere appears in that discussion any suggestion of using a wireless link for coupling between the DSP and the ASIC, between the ASIC and the RF front end, or between the DSP and the RF front end.

In fact, the only "wireless link" associated with Li Figure 3A is the link over the air interface to "Standard 802.11b Unit" 310. Unit 310 is a mobile station or other type of user terminal, and unlike DSP 325, RF front end 321, and ASIC 350, it is not part of the access point. For example, see Li, paragraph 108, which states, in part, ". . . the access point system 300 communicates with a number of 802.11x compatible devices 310 . . ." Thus, unit 310 is not part of the access point system, but rather it is a remote terminal with which the access point system is meant to communicate.

Accordingly, it is respectfully submitted that Li fails to anticipate or to render obvious the invention as described by claim 1 or by its dependent claims 2-13. As the above arguments also apply, *mutatis mutandis*, to independent claim 14, it is likewise submitted that Li fails to anticipate or render obvious the invention as described by claim 14 or its dependent claims 15-20.

On the above grounds, Applicants respectfully solicit the Examiner to reconsider the rejection, leading to its withdrawal and passage to issue of the claims currently pending.

Respectfully,

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Date: December 11 2006

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